

STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Michael RothrockApplication No./Patent No./Control No.: 10/706,151 Filed/Issue Date: November 12, 2003Entitled: TECHNIQUES FOR SEARCHING FOR BEST MATCHES IN TABLES OF INFORMATIONORACLE INTERNATIONAL CORPORATION, a Corporation

(Name of Assignee)

(Type of Assignee: corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
(The extent (by percentage) of its ownership interest is _____ %)

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or a true copy of the original assignment is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From: ROTHROCK, MICHAEL R To : PORTAL SOFTWARE, INC.
The document was recorded in the United States Patent and Trademark Office at
Reel 010662, Frame 0286, or for which a copy thereof is attached.
2. From: PORTAL SOFTWARE, INC. To : ORACLE SYSTEMS CORPORATION
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: ORACLE SYSTEMS CORPORATION To : ORACLE INTERNATIONAL CORPORATION
The document was recorded in the United States Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

- ☐ Additional documents in the chain of title are listed on a supplemental sheet.

As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

/William L. Shaffer/

Signature

January 5, 2007

Date

William L. Shaffer

Printed or Typed Name

660-326-2400

Telephone Number

Attorney of Record

Title

Delaware

PAGE 1

The First State

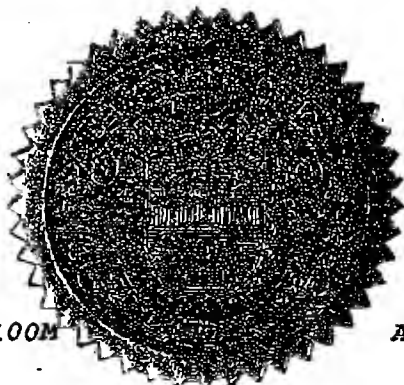
I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"PORTAL SOFTWARE, INC.", A DELAWARE CORPORATION,

WITH AND INTO "ORACLE SYSTEMS CORPORATION" UNDER THE NAME OF "ORACLE SYSTEMS CORPORATION", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE THIRTY-FIRST DAY OF AUGUST, A.D. 2006, AT 6:21 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE THIRTY-FIRST DAY OF AUGUST, A.D. 2006, AT 8 O'CLOCK P.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

2105895 8100M

AUTHENTICATION: 5026827

060814623

DATE: 09-07-06

State of Delaware
Secretary of State
Division of Corporations
Delivered 06:21 PM 08/31/2006
FILED 06:21 PM 08/31/2006
SRV 060814623 - 2105895 FILE

CERTIFICATE OF OWNERSHIP AND MERGER
MERGING
PORTAL SOFTWARE, INC., A DELAWARE CORPORATION
INTO
ORACLE SYSTEMS CORPORATION, A DELAWARE CORPORATION

*Pursuant to Section 253
of the General Corporation Law of the State of Delaware*

August 31, 2006

Oracle Systems Corporation, a corporation organized and existing under and by virtue of the laws of the State of Delaware (the "Parent Corporation"),

DOES HEREBY CERTIFY:

FIRST: That the Parent Corporation was incorporated pursuant to the General Corporation Law of the State of Delaware (the "DGCL").

SECOND: That the Parent Corporation owns all of the outstanding shares of each class of the capital stock of Portal Software, Inc., a Delaware corporation (the "Subsidiary Corporation").

THIRD: That the Parent Corporation, by the following resolutions of its Board of Directors, duly adopted as of August 31, 2006, determined to merge the Subsidiary Corporation into itself, with the Parent Corporation being the surviving corporation:

RESOLVED, that pursuant to Section 253 of the DGCL, the Subsidiary Corporation shall be merged (the "Merger") with and into the Parent Corporation, whereupon the separate existence of the Subsidiary Corporation shall cease, and the Parent Corporation shall be the surviving corporation;

RESOLVED, that the Merger is hereby approved pursuant to the provisions of Section 253 of the DGCL;

RESOLVED, that the Merger shall become effective upon filing of the Certificate of Ownership and Merger with the Delaware Secretary of State or at such time as is otherwise specified therein;

RESOLVED, that from and after the effective time, until successors are duly elected or appointed in accordance with applicable law, the directors of the Parent Corporation at the effective time shall be the directors of the surviving corporation, and the officers of Parent Corporation at the effective time shall be the officers of the surviving corporation;

RESOLVED, that from and after the effective time, the name of the surviving corporation shall be Oracle Systems Corporation;

RESOLVED, that from and after the effective time, the bylaws of the Parent Corporation shall be the bylaws of the surviving corporation; and

RESOLVED, that from and after the effective time, the certificate of incorporation of the Parent Corporation shall be the certificate of incorporation of the surviving corporation until amended in accordance with applicable law.

FOURTH: That the merger of the Subsidiary Corporation into the Parent Corporation shall be effective as of August 31, 2006 at 8:00 p.m. Eastern Time.

(This space intentionally left blank.)

IN WITNESS WHEREOF, the Parent Corporation has caused this Certificate of Ownership and Merger to be signed as of the date first written above by a duly authorized officer, declaring that the facts stated herein are true.

ORACLE SYSTEMS CORPORATION, a Delaware corporation

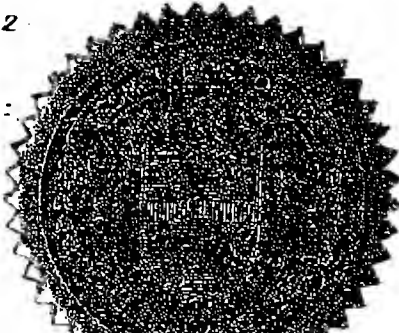
By: /s/ Daniel Cooperman
Name: Daniel Cooperman
Title: Senior Vice President, General Counsel & Secretary

Apostille

(Convention de La Haye du 5 Octobre 1961)

1. Country: United States of America
2. This public document:
has been signed by Harriet Smith Windsor
3. acting in the capacity of Secretary of State of Delaware
4. bears the seal/stamp of Office of Secretary of State

Certified

5. at Dover, Delaware
6. the seventh day of September, A.D. 2006
7. by Secretary of State, Delaware Department of State
8. No. 0293312
9. Seal/Stamp: 
10. Signature:
Harriet Smith Windsor
Secretary of State

ASSIGNMENT

This document confirms the assignment as of 11-29-2006 for good and sufficient consideration of the entire right, title, and interest in and to each of the U.S. Patent(s) and patent application(s) identified in Exhibit A hereto by **ORACLE SYSTEMS CORPORATION**, a Delaware limited liability company with a former place of business located at 500 Oracle Parkway, Redwood Shores, California 94065, (hereinafter referred to as "ASSIGNOR") to **ORACLE INTERNATIONAL CORPORATION ("OIC")**, a California corporation and wholly-owned subsidiary of Oracle, with a place of business at 500 Oracle Parkway, Redwood Shores, California 94065, (hereinafter referred to as "ASSIGNEE").

This document further confirms said assignment includes the entire right, title, and interest in and to all patents and patent applications identified in Exhibit A, all patents that may issue from the patent application(s) identified in Exhibit A, as well as in and to all foreign counterparts (including patent, utility models and industrial designs), and in and to any Letters Patent and Registrations which may be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and includes the right to claim priority from any such application as provided by the Paris Convention.

Further, this document confirms that the Assignee and its successors and assigns shall hold and enjoy said right, title, and interest as fully and exclusively as it would have been held and enjoyed by Assignor had they not been assigned, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, or prolongation or extension thereof.

IN WITNESS WHEREOF, Oracle Systems Corporation has caused this instrument to be signed by a duly authorized corporate officer and its corporate seals to be affixed, as of this 29th day of November, 2006

Oracle Systems Corporation



Name: Daniel Cooperman

Title: Senior Vice President, General Counsel
and Secretary

EXHIBIT A

Attorney Docket	Application No.	Filing Date	Patent No.	Issue Date
021756-029801US	60/737429	11/15/2005		
021756-029900PC	PCT/US98/10116	05/13/1998		
021756-029900US	08/856375	05/14/1997	6047284	04/04/2000
021756-029910US	09/454519	12/06/1999	6529915	03/04/2003
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021756-029910US	11/414072	04/27/2006		
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021756-030600US	09/617590	07/18/2000		
021756-030600US	09/967493	09/27/2001		
021756-030700US	10/394409	03/21/2003		
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021756-030900PC	PCT/US06/29571	07/28/2006		
021756-030900US	11/496057	07/28/2006		

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